

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Canceled)

Claim 2. (Previously Presented) A nucleic acid containing a sequence encoding a protein tyrosine phosphatase which is associated with Lafora's disease having a sequence as shown in SEQ.ID.NO.:1.

Claim 3. (Previously Presented) An isolated nucleic acid molecule containing a sequence encoding a protein tyrosine phosphatase which is associated with Lafora's disease comprising

- (a) a nucleic acid sequence as shown in SEQ.ID.NO.:1, wherein T can also be U;
- (b) nucleic acid sequences complementary to (a); or
- (c) a nucleic acid molecule differing from any of the nucleic acids of (a) or (b) in codon sequences due to the degeneracy of the genetic code.

Claim 4. (Canceled)

Claim 5. (Currently Amended) An isolated nucleic acid molecule ~~containing~~ consisting of a sequence ~~encoding a protein tyrosine phosphatase~~ which is associated with Lafora's disease having a sequence as shown in SEQ.ID.NO.:3.

Claim 6. (Currently Amended) An isolated nucleic acid molecule ~~containing~~ consisting of a sequence ~~encoding a protein tyrosine phosphatase~~ which is associated with Lafora's disease having a sequence as shown in SEQ.ID.NO.:5.

Claims 7-35. (Canceled)

OK to
enter
GS
2/3/04